

Amendment to the Abstract:

The Abstract has been amended. A revised Abstract is attached.

Abstract:

Electrohydraulic Brake System and Method of Monitoring It

ABSTRACT OF THE DISCLOSURE

The present invention relates to an electrohydraulic brake system for motor vehicles of the 'brake-by-wire' type including a hydraulic pressure source that can be actuated by means of an electronic control unit and is comprised of a hydraulic pump driven by an electric motor and a high-pressure accumulator adapted to be recharged by the pump. Further, the invention relates to a method of monitoring an electrohydraulic brake system of the type mentioned hereinabove.

To carry out a reliable detection of quantities of gas or air already when they enter the system, the invention discloses monitoring the suction side of the hydraulic pump {23}. This is achieved in that the electric characteristic data of the electric motor {22} driving the pump {23} is analyzed so that any modification of the hydraulic delivery rate is detected.

~~Figure 2b~~

Attachment